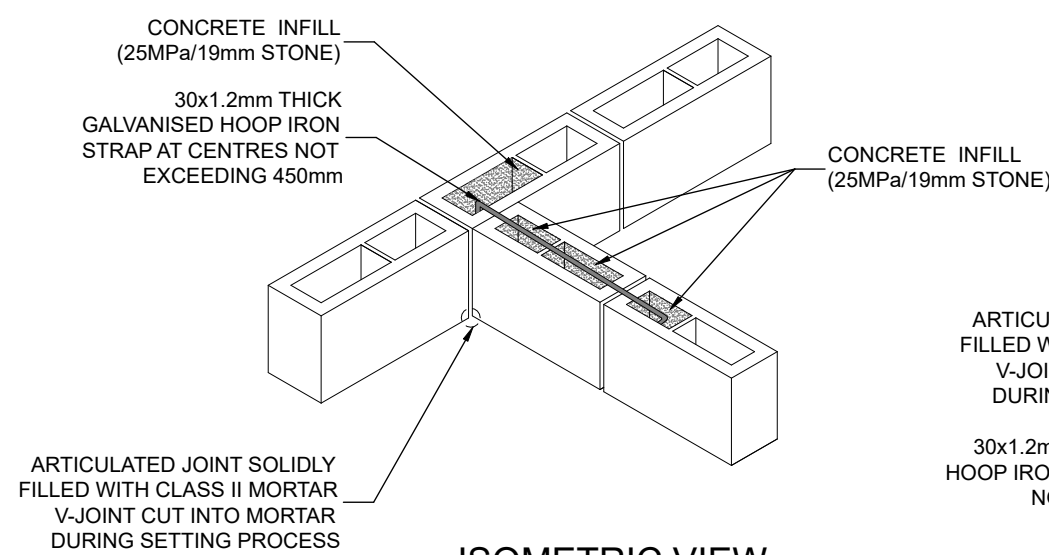
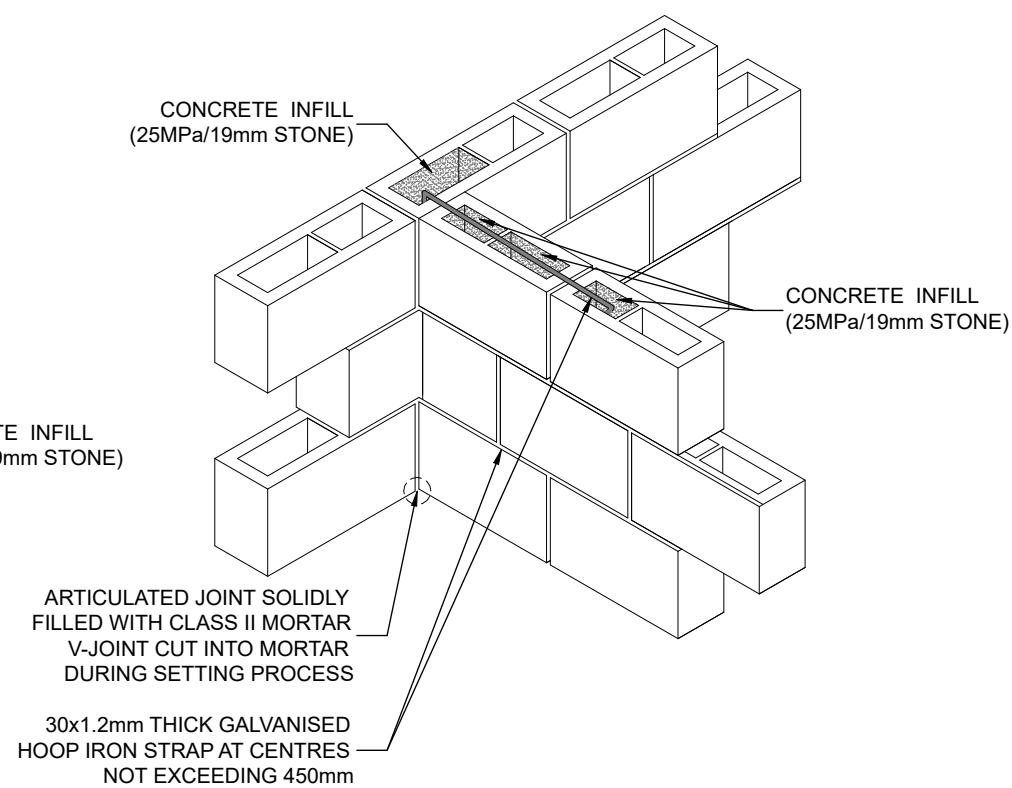


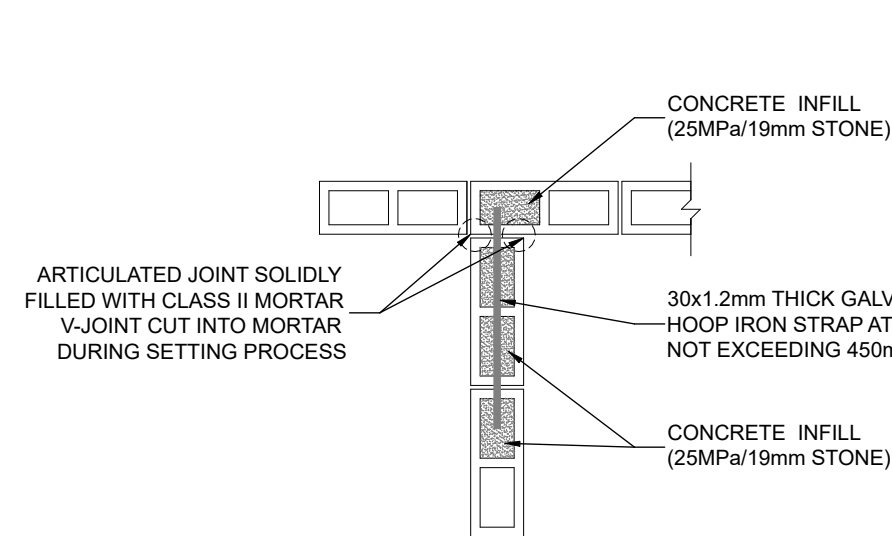
TO BE READ IN CONJUNCTION WITH ADDITIONAL NOTE #1



ISOMETRIC VIEW



ISOMETRIC COURSING VIEW



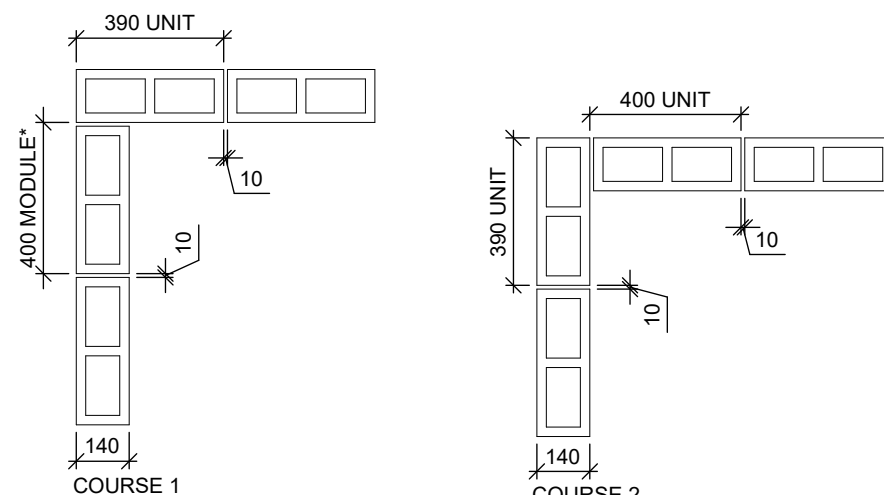
PLAN VIEW

HOOP IRON STRAP DETAIL FOR INTERSECTION WALLS

ARTICULATED JOINT DETAIL FOR SINGLE HOLLOW UNIT CONSTRUCTION WHERE THE INTERNAL AND EXTERNAL WALL INTERSECT AND ARE OF THE SAME WIDTH

SCALE 1:20

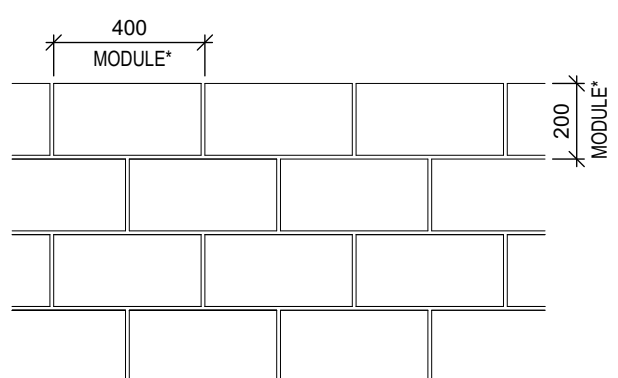
TO BE READ IN CONJUNCTION WITH ADDITIONAL NOTE #2



COURSING/CORNER DETAIL FOR A 140mm HOLLOW BLOCK SINGLE LEAF WALL

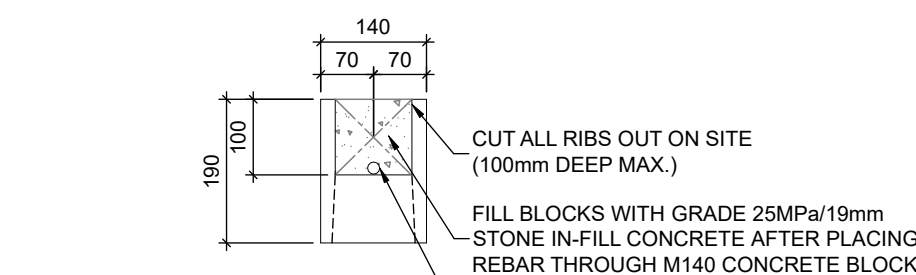
SCALE 1:20

TO BE READ IN CONJUNCTION WITH ADDITIONAL NOTE #3



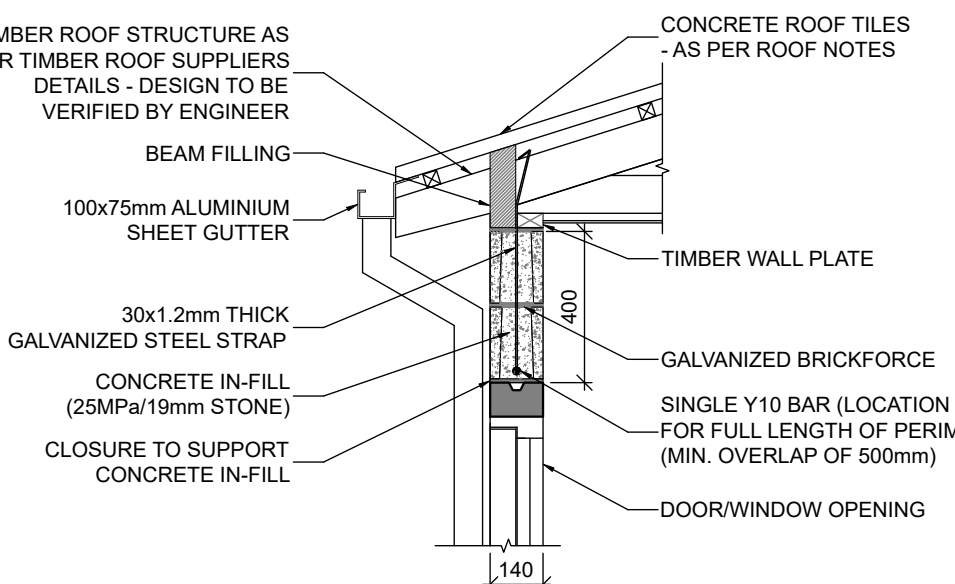
TYPICAL WALL ELEVATION

SCALE 1:20



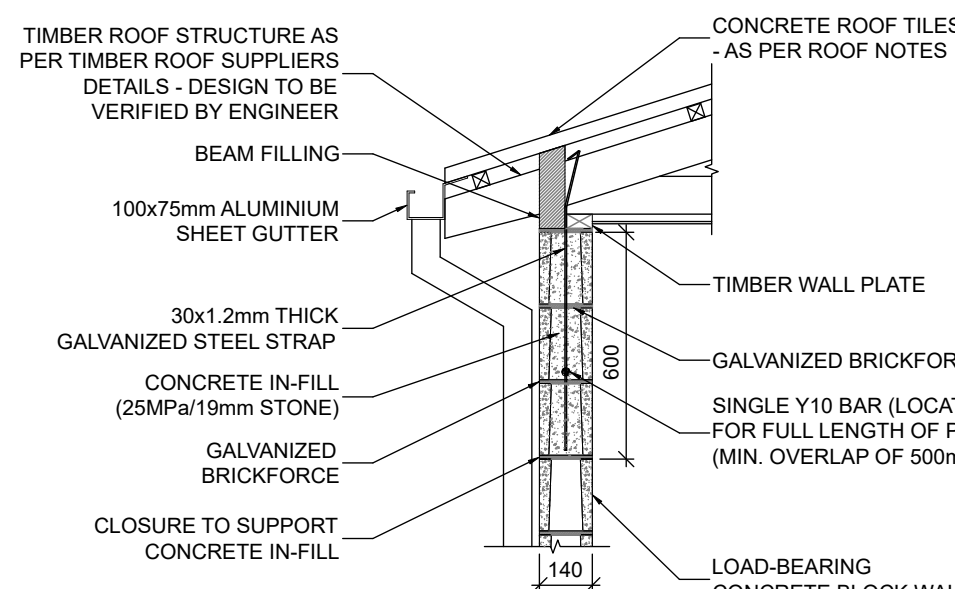
OPTION 1 M140 BLOCK RING BEAM - ELEVATION

SCALE 1:10



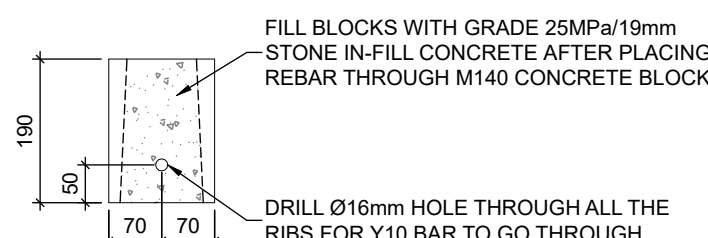
DETAIL 2 TRUSS ANCHORAGE DETAIL (OVER OPENINGS BELOW)

SCALE 1:20



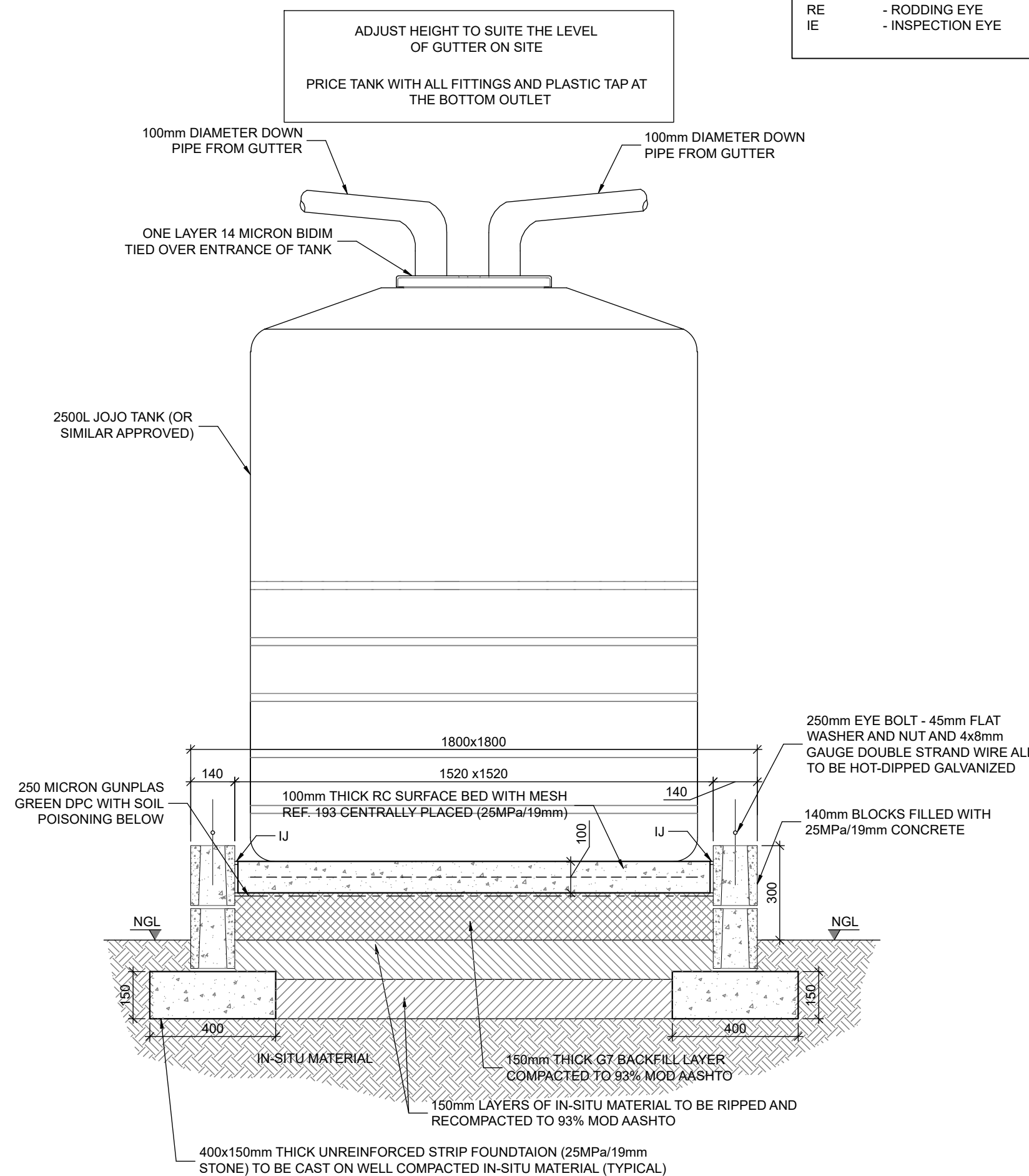
DETAIL 2 TRUSS ANCHORAGE DETAIL (NO OPENINGS BELOW)

SCALE 1:20



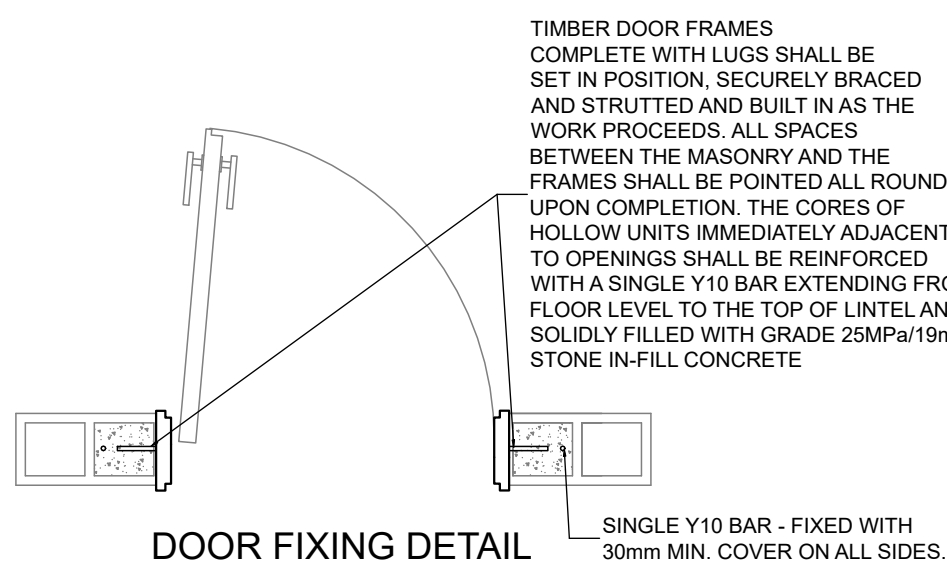
OPTION 2 M140 BLOCK RING BEAM - ELEVATION

SCALE 1:10



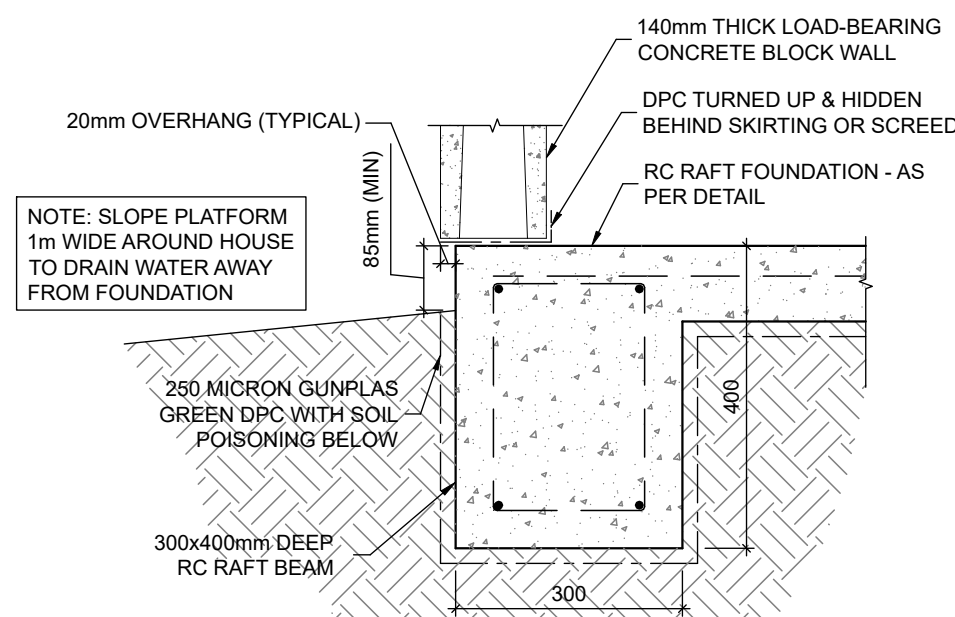
WATER TANK FOUNDATION

SCALE 1:15



DOOR FIXING DETAIL PLAN VIEW

SCALE 1:20



ISOLATION JOINT DETAIL (IJ)

SCALE 1:10

ABBREVIATIONS:

FPL	- FINISHED PLATFORM LEVEL
FFL	- FINISHED FLOOR LEVEL
NGL	- NATURAL GROUND LEVEL
TOC	- TOP OF CONCRETE
IJ	- ISOLATION JOINT
CJ	- CONSTRUCTION JOINT
RWD	- RAIN WATER DOWNPIPE
RE	- RODDING EYE
IE	- INSPECTION EYE

ADDITIONAL NOTE #1:

1. 30x1.2mm THICK GALVANIZED HOOP IRON STRAP BUILT INTO BLOCKWORK INTERSECTIONS (L-SHAPE, T-SHAPE OR Z-SHAPE), AT CENTRES NOT EXCEEDING 450mm FOR THE FULL HEIGHT OF WALL AND FILLED WITH GRADE 25MPa/19mm STONE IN-FILL CONCRETE FOR EXTERNAL AND INTERNAL WALLS

NB: WHERE THE TIMBER WALL PLATES/RAFTERS ARE ABOVE A DOOR/WINDOW POSITION, THE 30x1.2mm THICK GALVANIZED HOOP IRON STRAP TO BE TWISTED AROUND THE Y10 REBAR PLACED ABOVE ALL DOOR/WINDOW FRAMES

ADDITIONAL NOTE #2:

- PERPEND BED JOINTS SHOULD HAVE A NOMINAL THICKNESS OF 10mm.
- NO BED JOINT THICKNESS SHALL BE LESS THAN 5mm AND GREATER THAN 15mm.
- NO PERPEND BED JOINT THICKNESS SHOULD BE LESS THAN 5mm AND GREATER THAN 20mm.
- THE THICKNESS OF THE FIRST BED JOINT ABOVE A SUPPORTING ELEMENT SHALL NOT BE LESS THAN OR GREATER THAN 35mm.
- SLIGHT BLOCK MODULE DIMENSION ADJUSTMENTS COULD BE MADE BY THE CONTRACTOR WITH THE ENGINEERS PRIOR WRITTEN APPROVAL IN ORDER TO ACCOMMODATE LARGE BLOCK SIZE VARIANCES. SHOULD THIS MODULE DIMENSION ADJUSTMENT BE APPROVED THE CONTRACTOR WILL BE REQUIRED TO ADJUST THE OVERALL RAFT SLAB DIMENSIONS IN ORDER TO ACCOMMODATE SAME (HOWEVER, THE 20mm DRIP OVERHANG MUST BE MAINTAINED AT ALL TIMES).

ADDITIONAL NOTE #3:

- BLOCKS SHALL BE 390x190x140mm.
- JOINTS SHALL BE 10mm WIDE (NHBC SPECIFICATION)
- SLIGHT BLOCK MODULE DIMENSION ADJUSTMENTS COULD BE MADE BY THE CONTRACTOR WITH THE ENGINEERS PRIOR WRITTEN APPROVAL IN ORDER TO ACCOMMODATE LARGE BLOCK SIZE VARIANCES. SHOULD THIS MODULE DIMENSION ADJUSTMENT BE APPROVED THE CONTRACTOR WILL BE REQUIRED TO ADJUST THE OVERALL RAFT SLAB DIMENSIONS IN ORDER TO ACCOMMODATE SAME (HOWEVER, THE 20mm DRIP OVERHANG MUST BE MAINTAINED AT ALL TIMES).

LINTEL NOTES:

LINTELS SHALL BE SET IN MORTAR AND HAVE A MINIMUM BEARING OF:	
- LINTEL SUPPORTING MASONRY ONLY:	150mm
- LINTEL SUPPORTING ROOF TRUSSES	
a) SPAN LESS THAN OR EQUAL TO 1.5m:	150mm
b) SPAN BETWEEN 1.5m AND 2.5m:	250mm
c) SPAN GREATER THAN OR EQUAL TO 2.5m:	350mm

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWING D34004S-201-01

12345

67890

STANDARD "STENCIL" FONT
150mm HIGH x 100mm WIDE

"STENCIL" FONT
SCALE 1:10

NOTES / LEGEND

GENERAL

- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL MATERIALS AND WORKMANSHIP CONFORM WITH THE DETAILS AND SPECIFICATIONS SHOWN ON THIS DRAWING, AND ALL RELEVANT SABS SPECIFICATIONS, IRRESPECTIVE OF WHETHER THE ENGINEER HAS INSPECTED THE WORKS ON SITE OR NOT.
- ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE AND CORRELATED WITH THE ARCHITECT'S DRAWINGS AND ENGINEER'S DRAWINGS BEFORE CONSTRUCTION COMMENCES.
- ALL WRITTEN DIMENSIONS USED IN PREFERENCE TO SCALING.
- ALL WATERPROOFING DETAILS TO BE IN ACCORDANCE WITH SANS 10400.

FOUNDATIONS

- EXCAVATIONS FOR ALL FOUNDATIONS TO BE CHECKED AND APPROVED BY THE ENGINEER PRIOR TO CASTING OF ANY CONCRETE.
- ALL FOUNDATIONS TO BE FOUNDED ON SOUND IN-SITU MATERIAL. NO FOUNDATION WILL BE ALLOWED ON ANY FILL.
- TOP OF FOUNDATION LEVEL TO BE MIN 340mm BELOW FINAL OUTSIDE GROUND LEVEL OR FFL, WHICHEVER IS THE LOWER.

CONCRETE

- CONCRETE CUBE STRENGTH MIN. AT 28 DAYS:
BLINDING - 15MPa/19mm STONE
RC RAFT FOUNDATION - 25MPa/19mm STONE
IN-FILL (CONCRETE BLOCKS) - 25MPa/19mm STONE
- CONCRETE COVER TO REINFORCING: - 50mm (ALL SIDES)
RC RAFT FOUNDATION
- ALL REINFORCING FIXED WITH THE SPECIFIED COVER MUST BE INSPECTED AND APPROVED IN WRITING BY THE ENGINEER PRIOR TO ANY CONCRETE BEING CAST.
- ALL CONCRETE TO BE PROPERLY CURED BY KEEPING SURFACES CONTINUOUSLY DAMP, AT LEAST 7 DAYS AFTER CASTING. CONCRETE SLABS TO BE COVERED WITH MOIST SAND OR PLASTIC MEMBRANE DURING THIS PERIOD. COLUMNS TO BE WRAPPED IN PLASTIC IMMEDIATELY AFTER REMOVAL OF SHUTTERS.

APPROVED BY COUNCIL / CLIENT

CITY ENGINEER / CLIENT	REG. NO.	DATE
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AMENDMENTS CODE

A.B.C. / BEFORE TENDER	I.A. BY CLIENT
T.O. / TENDER DRAWING	B. BY ARCHITECT
O.I.Z. / AFTER TENDER	C. BY MECHANICAL OR ELECTRICAL
Z. / AS BUILT	D. BY BVI
	E. BY OTHER ()

DATE	INITIAL	No./CODE	REVISION DESCRIPTION
19/10/2023	CP	01D	ISSUED FOR TENDER PURPOSES

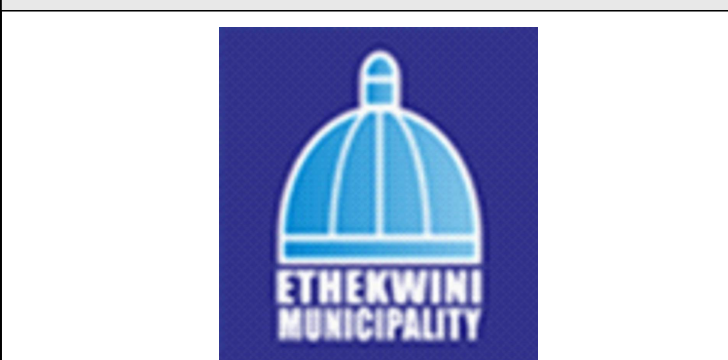
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	East London	(043) 755-3889	ph@bvi.co.za
Western Cape	Cape Town	(021) 527-7000	ph@bvi.co.za



Registration no. 1998/000157/07

CLIENT



PROJECT

ETHEKWINI MUNICIPALITY
VUMENGAZI HOUSING PROJECT

DRAWING TITLE

STANDARD 40m²
RURAL HOUSE
ADDITIONAL DETAILS

APPROVED BY BVI

ENGINEER/TECHNOLOGIST	2020011098	REG. NO.	DATE
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SCALE	AS SHOWN	DRAWN	CP
DESIGNED	CP	CHECKED	PvN

PLAN NUMBER	REVISION NO.	DATE SAVED
D34004.00S-201-02	T0	2023/10/17

© ENGINEER/TECHNOLOGIST: VUMENGAZI HOUSING PROJECT/ETHEKWINI MUNICIPALITY/ADDITIONAL DETAILS/STANDARD 40m² RURAL HOUSE